Introduction To

Collections

e classification of this brief is UNCLASSIFIED

UNCLASSIFIED

The Intelligence Cycle

UNCLASSIFIED

Agenda

INTELLIGENCE DISCIPLINES:

***HUMINT- Human Intelligence**

***IMINT- Imagery Intelligence**

***SIGINT- Signal Intelligence**

***MASINT- Measurement/Signature Intelligence**

***OSINT- Open Source Intelligence**

Putting Jungle Warfare into collection operations

Roles & Responsibilities

- ✔ **THE COMMANDER**
  - ⇨ **Prioritize Intelligence Requirements**
  - **Involve the S-2 in decision making**
  - **Scrutinize the collection process**
  - **Provide feedback**

Collection Operations

- **Employment of Assets to Gather Info**
- **“Target” must be Collectible**
- **Complimentary vs. Redundancy**
- **Communications/Limitations**
- **Task vs Request**

Assets vs. Resources

Collections Assets:

- **Units/Systems assigned or attached to your command or subordinate commands**
- **YOU HAVE TASKING AUTHORITY!**

Collections Resources:

- **Units over which you do NOT have T.A.**

YOU must know the difference, capability, when/where available, format of reporting, etc

Human Intelligence

Marine Assets:

- **Ground R&S Teams**
- **Scout/Snipers, Recon**
- **Interrogator/Translator Teams (0251)**
- **CI Marines (0211), HET**
- **Patrols members and aircrews.**
- **Every Marine is an ASSET.**

SCOUT/SNIPER

Human Intelligence

- (+) Best source to discern intangibles - such as morale, tactics, training, intentions
  - Arguably the most “productive” source of intelligence information in MOOTW
- (+) Relatively cost effective, reliable verification
  - Assets include everything from Reconnaissance Patrols to “sources” to the individual Marine

Human Intelligence

The “infantry” of collection operations

- The oldest and most versatile of collection disciplines
- Often the most effective of the collection disciplines over the long-term

Limitation to Human Sources

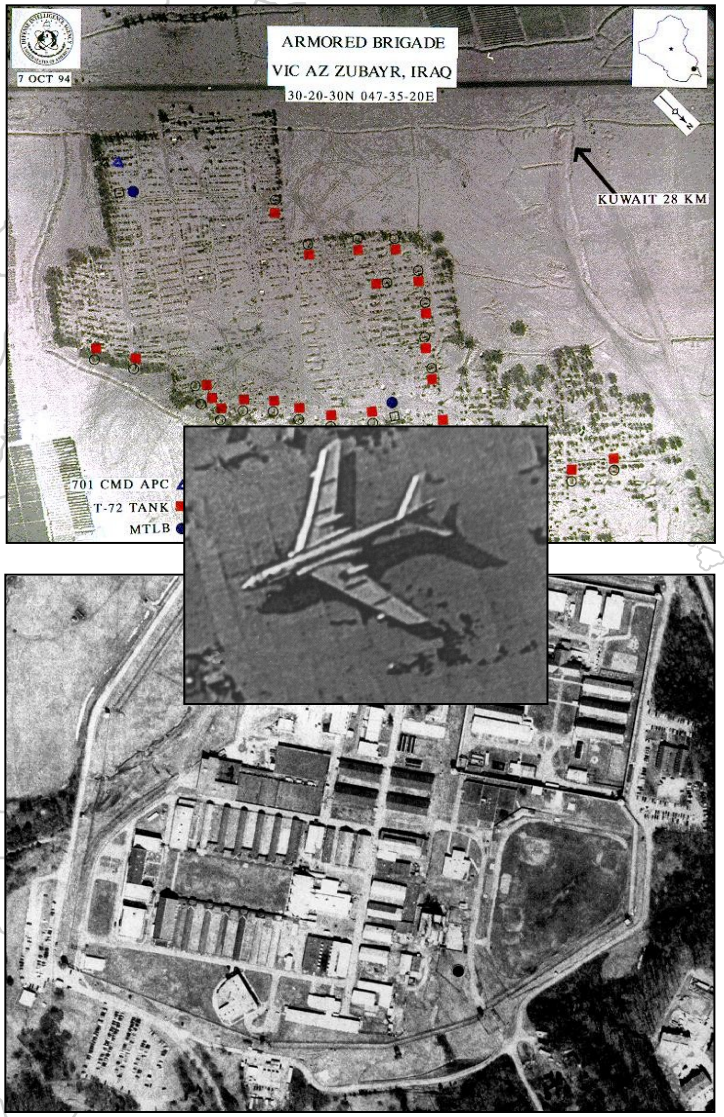
- Often the slowest of the collection disciplines; fast HUMINT is sometimes vulnerable HUMINT.
  - Insertion and extraction
  - Area/subject familiarity
  - Reporting

– Requires a substantial investment in people and time.

Imagery Intelligence (IMINT)

“. . . intelligence information derived from the exploitation of collection by visual photography, infrared sensors, lasers, electro-optics, and radar sensors such as synthetic aperture radar where images of objects are reproduced optically or electronically on film, electronic display devices, or other media.”

-- Joint Pub 1



IMINT

Strengths

IMINT is the most sought after, the most trusted by commanders (we believe what we see).

(+) Access to otherwise inaccessible targets.

(+) Stand-off collection.

(+) Accurate, permanent record; hard evidence.

(+) Broad or narrow "focused" coverage.

*** Works best against stationary targets; so effective that much effort is devoted to make it work against mobile units.**

IMINT

Weaknesses

Takes time to plan for, collect, process and analyze - is improving, however.

(-) Subject to CCD (Camo, Conceal, Deception).

(-) Comms intensive/ (Bandwidth/data rates)Terrain.

(-) Costly, requires highly trained personnel.

(-) Not always timely or responsive.

(-) Weather effect for environment

*** Broad coverage dramatically dilutes effectiveness, but this can be useful in slowing an enemy down to avoid it**

IMINT

Marine Assets:

- Unmanned Aerial Vehicles (UAV)
- TARPS

PREDATOR

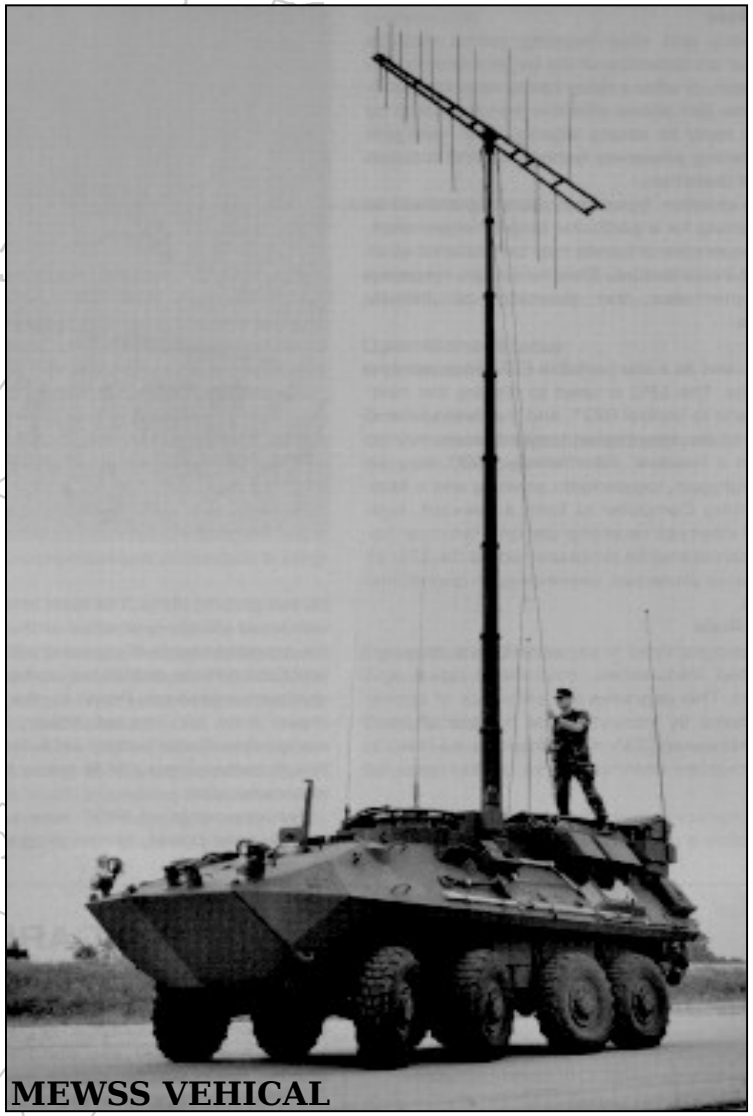
RECON

Signals Intelligence (SIGINT)

Sub-disciplines:

- **Communications Intelligence (COMINT).**

(+) Passive, non-detectable stand-off collection.
(+) Accurate permanent record, broad coverage -Continuous
(+) Electronic OOB.
+) Early warning indicator (details of plans & orders).
(+) Access to otherwise inaccessible targets



MEWSS VEHICAL

SIGINT

Susceptible to a technological race between penetration and protection.

(-) Target must be active.

(-) Subject to deception, encryption, sophisticated signals

(-) Costly to use, cheap to counter (simple: Don't Tra

(-) Requires highly trained personnel.

(-) Technical limitations of the sensors (range, weath

*** Less effective against the most sophisticated and the least sophisticated enemies.**

SIGINT

Marine assets:

- Radio Battalion
  - RRT
  - SST
  - MEWSS
- Marine tactical electronic warfare squadron

EA-6B

Measurement and Signature Intelligence (MASINT)

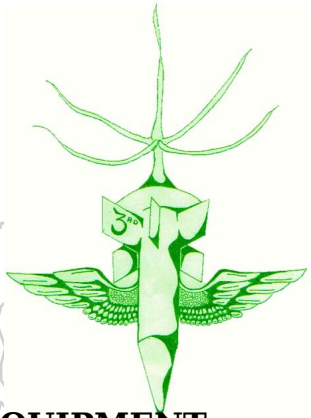
“ . . . intelligence information gathered by technical instruments such as radars, passive electro-optical sensors, radiation detectors, and remote ground sensors.”

MCWP 2-1 Intelligence Operations

MASINT

Marine Assets

- **Unattended ground sensors (GSP).**
  ***Sensors(seismic/IR/Magnetic/Acoustic**
- **Counter Battery Q-46**
- **JSTARS (MTI)**
- **Increasing national/theater effort.**



GSP EQUIPMENT

JSTARS